



THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: John L. Fulton, et al.

Serial No: 10/783,249

Filed: 2/19/2004

For: PROCESS AND APPARATUS FOR
REMOVING RESIDUES FROM
SEMICONDUCTOR SUBSTRATES

) Art Unit: 1746

) Examiner: Michail Kornakov

) File No: 14138-J

) Date: November 1, 2005

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

(References – See attached form PTO/SB/08A)

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Attached hereto is the Form PTO/SB/08A listing additional supplemental documents believed to be relevant to the subject application. It is respectfully requested that these documents be considered by the examiner and an initialed copy of each form be returned to the undersigned.

This disclosure statement should not be construed as a representation that a search has been made or that no other material information exists, as defined in 37 C. F. R. § 1.56(a). No admission is made regarding whether any of the submitted references is prior art.

It is believed that this disclosure complies with the requirements of 37 C. F. R. §§ 1.56, 1.97, 1.98, and the Manual of Patent Examining Procedures § 609. If for some reason the examiner considers otherwise, it is respectfully requested that the undersigned be called so that any deficiencies can be remedied.

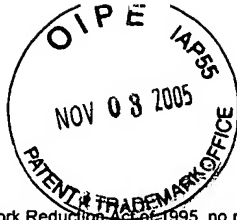
For the \$180.00 fee required, the Director is hereby authorized to charge our
Deposit Account No. 02-1275.

Respectfully submitted,

A handwritten signature in black ink that reads "James D. Matheson". The signature is written in a cursive style with a large, stylized "J" and "M".

James D. Matheson
Reg. No. 54,569

James D. Matheson (K1-53)
Intellectual Property Legal Services
Battelle Memorial Institute
Pacific Northwest Division
P.O. Box 999
Richland, WA 99352
(509) 375-6866



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 1

Complete if Known

Application Number	10/783,249
Filing Date	02/19/2004
First Named Inventor	John L. Fulton
Art Unit	1746
Examiner Name	Michail Kornakov
Attorney Docket Number	14138-J

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 2002/0086537	7-4-2002	Mullee et al	
		US- 2004/0175948	9--9-2004	DeSimone et al	
		US- 2004/0050406 A1	3-18-2004	Sehgal	
		US- 2004/0055624 A1	3-25-2004	McDermott et al	
		US- 2004/0071873 A1	4-15-2004	DeYoung et al	
		US- 2004/0087174 A1	5-6-2004	Korzenski et al	
		US- 5,868,862	2-9-1999	Douglas et al.	
		US- 6,087,191	7-11-2000	Boggs	
		US- 6,242,165 B1	6-5-2001	Vaartstra	
		US- 6,500,605 B1	12-31-2002	Mullee et al	
		US- 6,764,552 B1	7-20-2004	Joyce et al	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)				
		WO02/15251 A1	02-21-2002	Tokyo Electron		

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



P R 1995

Effective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL For FY 2005

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

Complete if Known

Application Number 10/783,249
Filing Date 02/19/2004
First Named Inventor John L. Fulton et al
Examiner Name Michail Kornakov
Art Unit 1746
Attorney Docket No. 14138-J

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____

☒ Deposit Account Deposit Account Number: 02-1275 Deposit Account Name: Battelle Memorial Institutu

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims Extra Claims Fee (\$)- 20 or HP = 0 x 0 = 0

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims Extra Claims Fee (\$)- 3 or HP = 0 x 0 = 0

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$)- 100 = / 50 = (round up to a whole number) x =

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount) Fees Paid (\$)
Other (e.g., late filing surcharge): IDS 180.00

SUBMITTED BY

Signature James D. Matheson Registration No. 54,569 Telephone (509) 375-3782
Name (Print/Type) James D. Matheson (Attorney/Agent) Date 11-1-05

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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For: PROCESS AND APPARATUS FOR) Date: November 1, 2005
REMOVING RESIDUES FROM)
<u>SEMICONDUCTOR SUBSTRATES</u>)

CERTIFICATE OF MAILING

Mailstop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The undersigned hereby certifies that the attached:

- ☒ Supplemental Information Disclosure Statement, Form PTO/SB/08A listing References
- ☒ Fee Sheet (2 ea)
- ☒ Return Receipt Postcard

are being deposited with the United States Postal Service as:

- ☒ First Class Mail
- ☐ Express Mail - Label # _____

in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date set forth below.

Rebecca B. Rupp
Signature

Nov. 1, 2005
Date Deposited

Rebecca B. Rupp K1-53
Intellectual Property Legal Services
Battelle Memorial Institute
Pacific Northwest Laboratories
P.O. Box 999
Richland, WA 99352
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